

CLAIMS

We claim:

- Sub B1
1. A system for monitoring the operation of a security system comprising:
- 2
- 3 a. a security system for controlling access to a secure area said system
- 4 including at least one movable barrier operated by a barrier controller;
- 5
- 6 b. a diagnostic module operating in conjunction with the security system
- 7 wherein said diagnostic module includes a microcontroller which monitors
- 8 various operational parameters of the security system;
- 9
- 10 c. said diagnostic module includes a communication unit operating in
- 11 conjunction with said microcontroller and capable of two-way wireless
- 12 communications;
- 13
- 14 d. a remote monitor capable of two way wireless communication with said
- 15 communication unit of said diagnostic module; and
- 16
- 17 e. wherein said micro controller monitors the operational parameters of the
- 18 security system and when any of said operational parameters of the system
- 19 reach a pre-designated level said diagnostic module communicates such
- 20 over communication unit to said remote monitor.

2. The system of claim 1 wherein said remote monitor can by communicating with said diagnostic module through said communication unit query said microcontroller as to the status of various operational parameters of the security system.

3. The system of claim 1 wherein said diagnostic module is functionally independent of the security system.

4. The system of claim 3 wherein said diagnostic module has its own power supply.

5. The system of claim 1 wherein said diagnostic module has its own power supply.

6. The system of claim 2 wherein said communication unit and remote monitor are two-way pagers.

7. The system of claim 6 wherein a service technician with said remote monitor communicates with said diagnostic unit.

8. The system of claim 1 wherein said communication unit and remote monitor are two-way pagers.

9. The system of claim 8 wherein a service technician with said remote monitor communicates with said diagnostic unit.

10. A security gate monitoring and failure warning system comprising:
a diagnostic module with a microcontroller that monitors operational parameters of a security gate system;

15. The system of claim 10 wherein a service technician with said second communication unit communicates with said diagnostic unit through said first communication unit.